

Solenoid Valve CPE10-M1BH-5L-QS-6 - Festo 196883

Item no. FES-196883

Manufacturer Festo

EAN 4052568159733

Festo valve for fast, reliable control of compressed-air direction and flow.

TECHNICAL DATA

Actuation type	Electrical
Betriebsdruck max [bar]	8.000000
Certification	IEC 60529
Corrosion resistance class CRC	2 - moderate corrosion stress
Design	Piston pusher
Dichtmaterial	NBR
Durchfluss [l/min]	320
Funktion	5/2 monostable
HS-Code	84812090
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Nennweite DN [mm]	4
Operating conditions	EN 60068-2-27, EN 60068-2-6, ISO 8573-1
Pneumatic connection	QS-6
Protection rating	IP65
Series	CPE10
Temperature (max.)	50
Weight	0.08 kg



STANDARDS & COMPLIANCE

IEC 60529 ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27

DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

Valve function	5/2 monostable
Actuation type	Electrical
Build.width [mm]	10
Normal nominal flow [l/min]	320
Operating pressure [bar]	3 to 8
Construction set up	Piston pusher

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Reset mode	Pneumatic spring
Permission	c UL us - Recognized (OL)
Maritime classification	see Certificate
Protection category	IP65 With Socket acc. to IEC 60529
Nominal width [mm]	4
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	With Accessories ratcheting tentative
Control type	pilot operated
Control air supply	Internal
Flow direction	Not reversible
Valve space - labelling	Sign carrier
Überdeckung	positive Überdeckung
Shifting time off [ms]	20
Shifting time on [ms]	16
Power-on time	100 % mit Haltestromabsenkung
Max. positive test impulse at 0 signal [µs]	1.200
Max. negative test impulse for 1 signal [µs]	900
Coil characteristic value	24 V DC: 1,28 W
Permitted voltage oscillations	-15 % / +10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Oscillation strength	Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistant class KBK	2 - moderate corrosion stress
Medium temperature [°C]	-5 to 50
ambient temperature [°C]	-5 to 50
Electrical connection	2 pin
Fastening type	With throughway bores
Exhaust control connection 82	M3
Control air 12 connection	M3
Pneumatic connection 1	QS-6
Pneumatic connection 2	QS-6
Pneumatic connection 3	M7

Material information	RoHs compliant
Seals material	NBR
Housing material	Aluminium die casting
Exhaust function	Can be throttled
Exhaust control connection 84	M3
Control air 14 connection	M3
Pneumatic connection 4	QS-6
Pneumatic connection 5	M7